

Neue Sauerstoff-Transport-Mittel, diese enthaltende Hämoglobin-Hydroxyethylstärke-Konjugate, Verfahren zu deren Herstellung, sowie deren Verwendung als Blutersatzstoffe

Publication number: DE19628705 (A1)

Publication date: 1998-01-15

Inventor(s): SOMMERMEYER KLAUS DR [DE]; EICHNER WOLFRAM DR [DE]

Applicant(s): FRESENIUS AG [DE]

Classification:

- **international:** **A61K47/48; A61K38/00; A61K38/16; A61P7/08; C07K14/805; A61K38/00; A61K47/48; A61K38/00; A61K38/16; A61P7/00; C07K14/795; A61K38/00; (IPC1-7): A61K38/42; A61K38/38**

- **European:** C07K14/805

Application number: DE19961028705 19960708

Priority number(s): DE19961028705 19960708

Also published as:

 WO9801158 (A2)
 WO9801158 (A3)
 DK912197 (T3)
 EP0912197 (A2)
 EP0912197 (B1)

[more >>](#)

Abstract of DE 19628705 (A1)

The present invention relates to novel oxygen carriers which contain haemoglobin-hydroxyethyl starch conjugates, and a process for the preparation thereof. The invention also relates to the use of said oxygen carriers as blood substitutes, plasma expanders, perfusion agents, haemodilution agents and/or cardioplegic solution. The object of the invention are oxygen carriers which contain a haemoglobin-hydroxyethyl starch conjugate in which the haemoglobin and the hydroxyethyl starch are linked selectively to each other via amide bonds between free amino groups of the haemoglobin and of the oxidised, reducing end group of the hydroxyethyl starch.

.....
 Data supplied from the **esp@cenet** database — Worldwide